L Number			DB	m:
-		3 710/\$.ccls.		Time stamp
-	1	7 710/301-304.ccls. and (hotpluggable	USPAT	2003/03/19 10:0
		incorpluggable notplie hot-plugg and	USPAT;	2003/03/18 23.6
		detector	US-PGPUB	
-	7	3 710/301-304.ccls, and (hotpluggeh)-		
	1	hot-pluggable hotplug hot-plug hot live	USPAT;	2003/03/18 20:2
		plug swap\$3 insert\$3 add\$3 remov\$3	US-PGPUB	1
	1	replac\$3) and detector		1
-	1	710/301-304.ccls. and (hotpluggable	1	
		hot-pluggable battle	USPAT;	2003/03/18 20:4
		hot-pluggable hotplug hot-plug hot live	US-PGPUB	2003/03/18 20:4
		plug swap\$3 insert\$3 add\$3 remov\$3		
_) 2	replac\$3) near10 detector		
] 31	710/301-304.ccls. and (hotpluggable	USPAT;	2002/02/20 22
	1	Inot-Pruggable notbling hot-pling hot li	US-PGPUB	2003/03/18 20:5
		Plug Swaps3 inserts3 adds3 removes	OS-FGFOB	
		[replacas) same detector		
-	2	710/301-304 ccls, and detector and		
		$\frac{1}{100}$ (/10/301-304.CCIs, and /hotpluggobje	,	2003/03/18 22:0
		hot-pluggable hotplug hot-plug hot live	US-PGPUB	
l		plug swap\$3 insert\$3 add\$3 remov\$3		
		replac\$3) and detector)		
-	44	710/301-304.ccle and date:		
		710/301-304.ccls. and detector and source		2003/03/19 16:35
-	728	710/301-304.ccls.	US-PGPUB	10:35
	,20	, 10, 301-304.CC1S.	USPAT;	2003/03/18 22:18
.	190	(dotootes -)	US-PGPUB	7 2003/03/10 22:18
	190	The society and source, and	USPAT;	2003/02/10 00
1		710/301-304.ccls. not (710/301-304.ccls.	US-PGPUB	2003/03/18 22:19
- 1		and detector and source) not	OS TGFOB	
		(710/301-304.ccls, and (hotpluggable)	1	
		not-pluggable hotplug hot-plug hot live		
		plug swap\$3 insert\$3 add\$3 remov\$3		
		replac\$3) and detector)		
}	78	710/301-304.ccls. and detector not	1	1
1		((detect\$3 and source) and	USPAT;	2003/03/18 23:04
1		710/301-304 cols	US-PGPUB	
		710/301-304.ccls. not (710/301-304.ccls. and detector and source) not		
į		(710/301 304 7		
		(710/301-304.ccls. and (hotpluggable		
ı		hot-pluggable hotplug hot-plug hot live		
1		piug swapps inserts3 addš3 removes		
1	25050	replac\$3) and detector))		
	35956	(electromagnetic infra-red magnetic	USPAT;	2002/02/10 10 05
		ultrasonic energy) near6 (obstructs)	US-PGPUB	2003/03/19 12:26
		unopstruct\$3 imped\$3 block\$3 hinder\$3	OD FEGEUR	
	1	interrupt\$3)		
1	4	710/301-304.ccls. and ((electromagnetic	HODE	
1	1	infra-red magnetic ultrasonic energy)	USPAT	2003/03/19 10:32
1	ļ	near6 (obstruct\$3 unobstruct\$3 imped\$3		
1		block\$3 hinder\$3 interrupt\$3))		
1	154	710/\$ ccls and (/oloster		
	-01	710/\$.ccls. and ((electromagnetic	USPAT	2003/03/19 12:08
	1	infra-red magnetic ultrasonic energy)		
	- 1	near6 (obstruct\$3 unobstruct\$3 imped\$3		
	1	Diockas ninder#3 interrupt\$3))		
1	4	/10/301-304.ccls. and ((electromagnetic	USPAT:	2003/03/19 10:32
1	i	Intra-red magnetic ultrasonic energy)	US-PGPUB	2003/03/19 10:32
]	1	near6 (obstruct\$3 unobstruct\$3 imped\$3	10101	
i] .	DIOCK\$3 hinder%3 interrupt\$3))		
	166	710/\$.ccls. and ((electromagnetic	HCDAM.	1 2222 /25 /
	1.	infra-red magnetic ultrasonic energy)	USPAT;	2003/03/19 10:39
		near6 (obstruct\$3 unobstruct\$3 imped\$3	US-PGPUB	
1	fi	olock\$3 hinder\$3 interrupt\$3))		
1	32	710/\$.ccls. and ((electromagnetic		
1	J- .	infra-red magnetic	USPAT;	2003/03/19 11:12
	1.	infra-red magnetic ultrasonic energy)	US-PGPUB	
	,	near6 (obstruct\$3 unobstruct\$3 imped\$3		
1	1	olock\$3 hinder%3 interrupt\$3)) and		1
1		detector		
1	445	electromagnetic infra-red magnetic	USPAT;	2003/03/10 11 1-
1	Įυ	Ittrasonic energy) near6 (obstructs3	US-PGPUB	2003/03/19 11:15
				1
	ļΰ	nobstruct\$3 imped\$3 block\$3 hinder\$3 nterrupt\$3) same connector	1	1

-		1 710/\$.ccls. and ((electromagnetic	USPAT;	2002/02/22
		Initia-red magnetic ultrasonic onergy	US-PGPUB	2003/03/19 11:
		Hearo (ODStructs3 unobstructs3 impodes	03-PGPUB	
		Diockso ninderts interruptsal same		
_		(Connector)		
_	/	detector and ((electromagnetic infra-red	USPAT;	2003/03/19 11:
		magnetic ultrasonic energy) near6	US-PGPUB	2003/03/19 11:
		(ODSTRUCT\$3 unobstruct\$3 imped\$3 block\$3	10102	
_	3486	intider to interrupts3) same connector)		
	3486	(electromagnetic infra-red magnetic	USPAT;	2003/03/19 12:2
		uitrasonic energy) nearh (obstructed	US-PGPUB	2003/03/19 12:2
_	705	unimpeded Diocks3 hinder&3 intermeted	10101	1
	/05.	(Selisas detectas) same ((e)ectromagnetic	USPAT;	2003/03/19 22:3
		Intra-red madnetic nitrasonic onomern	US-PGPUB	2003/03/19 22:3
		inedio (ODSTructS3 unimped\$3 block\$2	10101	
_	519	ninder 3 interrupts3))		
	313	1 () Joech near o Doard mornerhoard nob	USPAT;	2003/03/19 12:2
		mother-poard poard) and (hot live pluces	***	2003/03/19 12:2
		Swapes notbingdable hot-plug) and //comes	n	
	j	detection Same ((electromagnetic infra	i	1
	i.	magnetic ultrasonic energy) near6		1
		(ODStruct\$3 unimped\$3 block\$3 bindors3		
_	22	interrupts3)))		
	23		USPAT:	2003/03/19 12:0
		mother-board board) and (hot live pluces	US-PGPUB	2003/03/19 12:0
		Swapes notpluggable hot-plug same	00 10100	
		((Sens\$3 detect\$3) same ((electromagnetic		
		Initid red magnetic ultrasonic energy		
		Hearb (Obstructs3 unimpeds3 blocks3		1
_		ILLIIGET #3 Interrint S 3 1 1		i
	4	710/\$.ccls. and (((system near6 board)	USPAT;	2003/03/19 12:09
	ļ	MOCHELDORIG DCD Mother-board board) and	US-PGPUB	2003/03/19 12:09
		(not live plug\$3 swap\$3 hotpluggable	05 10105	
		HOL-Piug) and ((sens\$3 detect\$3) same		
		((electromagnetic infra-red magnetic		
		ultrasonic energy) near6 (obstructs)		
	100	unimped\$3 block\$3 hinder\$3 interrupt\$3,,,,		
	192	connector and (((system near6 board)	USPAT;	2003/03/19 12:23
		motherboard pcb mother-board board) and	US-PGPUB	2003/03/19 12:23
		(not live plug\$3 swap\$3 hotpluggable	10202	
		not-plug) and ((sensS3 detect\$3) same		
		(lelectromagnetic infra-red magnetic		
		ultrasonic energy) near6 (obstructs)		
	60	unimped\$3 block\$3 hinder\$3 interrupt\$3\\\\		
	69	(taystem nearb board) motherboard nch	USPAT;	2003/03/19 12:28
		mother-board board) and (hot live pluges	US-PGPUB	2003/03/19 12:28
		Swapas notpluggable hot-plug) same	1 2 2 2 2 2	1
		Connector and (((system near6 hoard)	1	
		motherboard pcb mother-board board) and		
	1	(not live plug\$3 swap\$3 hotpluggable	f	
		not-plug) and ((sens\$3 detect\$3) same		
		((electromagnetic infra-red magnetic		
		ultrasonic energy) near6 (obstructs3		
	155	unimped\$3 block\$3 hinder\$3 interrupt\$3\\\\	•	
	133	(electromagnetic infra-red magnetic	USPAT;	2003/03/19 12:27
	1 1	ultrasonic energy) near6 (obstructs3	US-PGPUB	2003/03/19 12:2/
	1 1	unobstruct\$3 imped\$3 block\$3 binder\$3	10102	
		interrupt\$3) near10 connector		
	5	((system near6 board) motherboard nch	USPAT;	2003/03/19 17:52
		mother-board board) and (hot live plugs?	US-PGPUB	2000/03/19 1/:52
	1	Swap\$3 hotpluggable hot-plug) same	10100	
	1 1	((electromagnetic infra-red magnetic	İ	İ
	1	ultrasonic energy) near6 (obstructs3	ĺ	
	1	Inimped\$3 block\$3 hinder\$3 interrupt\$3)	1	
	1 1 1	nearIU connector)	1	
	153	(electromagnetic infra-red magnetic	USPAT;	2002/02/10 15 ==
	1	litrasonic energy) near6 (obstructs3	US-PGPUB	2003/03/19 12:32
	1 1	Inimped\$3 block\$3 hinder%3 interrupt\$3)	US LGPUB	
	1 .	near10 connector	Į.	i

-		9 (electromagnetic infra-red magnetic	110===	
		ultrasonic energy) near6 (obstruct\$3	USPAT;	2003/03/19 12:
		unimped\$3 block\$3 hinder\$3 interrupt\$3)	US-PGPUB	1
		near10 connector same (detect\$3 sens\$3)	ļ	
-	((electromagnetic infra-red magnetic		1
		ultrasonic energy) near6 (obstruct\$3	USPAT;	2003/03/19 13:
		unimped\$3 block\$3 hinder\$3 interrupt\$3)	US-PGPUB	
		same connector same (detect\$3 sens\$3)		
_		0 (electromagnetic info		
		0 (electromagnetic infra-red magnetic	USPAT;	2003/03/19 13:2
		ultrasonic energy) near6 (obstruct\$3	US-PGPUB	13.2
		unimped\$3 block\$3 hinder\$3 interrupt\$3)		
_	7	same (non-contact\$3 near5 connector) 6 (electromagnetic infra		
	·		USPAT;	2003/03/19 14:2
		ultrasonic energy) near6 (obstruct\$3	US-PGPUB	14.2
		unimped\$3 block\$3 hinder\$3 interrupt\$3)		
		Same ((non-contact\$3 contact\$3) same		1
_		(Connector)		
		4 (("5812693") or ("6112273") or	USPAT;	2003/03/19 14:5
	İ	("re.36381") or ("5930110") or	US-PGPUB	2003/03/19 14:5
_		("6401157")).PN.	OD IGEOR	
-		(US-6112273-\$ or US-5930110-\$ or	USPAT	2002 (02 (12
		US-6401157-\$ or US-5812693-\$) did	OSFAI	2003/03/19 14:3
_		O(10/301-304) ccls. and ((e)ectromagnetic	USPAT:	1 2002 (22)
		Intra-red magnetic ultrasonic energy		2003/03/19 14:3
		nearb (Obstruct\$3 unobstruct\$3 impode2	US-PGPUB	1
		block\$3 hinder\$3 interrupt\$3))) and beam		
-		((710/301-304.ccls. and ((electromagnetic		
		infra-red magnetic ultrasonic energy)		2003/03/19 14:36
		near6 (obstruct\$3 unobstruct\$3 imped\$3	US-PGPUB	
		block\$3 hinder\$3 interrupt\$3))) and beam)		
		and beam		
_	0			
	Ĭ	1 Processing of and (1/10/301-304 cc) e 224	USPAT;	2003/03/19 14:35
		((electromagnetic infra-red magnetic	US-PGPUB	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		ultrasonic energy) near6 (obstruct\$3		
		unobstruct\$3 imped\$3 block\$3 hinder\$3		
_		[Interrupt\$3))) and beam)		
	1	1 1100 00000 P OF 00000000000000000000000000	USPAT;	2003/03/19 14:59
		US-6401157-\$ or US-5812693-\$).did.) and	US-PGPUB	2003/03/19 14:59
	1 _	Deam	00 1010B	
•	2		USPAT;	2002/02/10 11
		(Card Doard) and ((US-6112273-6 or	US-PGPUB	2003/03/19 14:59
		US-5930110-\$ or US-6401157-\$ or	03-PGPUB	
		US-5812693-\$).did.)		ļ
	0	(photosensor photodetector photobeam		
		photodetect\$3) same(card board) and	USPAT;	2003/03/19 14:59
		((US-6112273-\$ or US-5930110-\$ or	US-PGPUB	
	1	US-6401157-\$ or US-5812693-\$).did.)		
	0	(photosensor photodetector photobeam		
		photodetects3) same (USPAT;	2003/03/19 14:59
		photodetect\$3) same (card board) and	US-PGPUB	1
		((US-6112273-\$ or US-5930110-\$ or		
	104	US-6401157-\$ or US-5812693-\$).did.)		
	104	(breaks near5 beam) same (card board	USPAT;	2003/03/19 15:00
	35	motherboard pc-board)	US-PGPUB	-100,00,15 15.00
	35	(breaks near5 beam) near10 (card board	USPAT;	2003/03/19 15:03
		motherboard pc-board)	US-PGPUB	1 -000,00,19 10:03
	14	(breaks near5 beam) near10 (card board	USPAT;	2003/03/19 15:04
		motherboard pc-board) and (detector	US-PGPUB	2003/03/19 15:04
		photosensor photodetector)	OU LGEOD	
	37	710/301-304.ccls, and detector and source	HEDAT.	2002/02/22 == =
	1 1	and (card board pcb motherboard)	USPAT;	2003/03/19 17:56
	0	710/301-304.ccls. same detector same	US-PGPUB	
į	[]	source same (card board pcb motherboard)	USPAT;	2003/03/19 16:49
	4	710/301-304.ccls. and detector same source	US-PGPUB	
	1	same (card board pcb motherboard)	USPAT;	2003/03/19 16:50
	1266	((system noare board)	US-PGPUB	
	1200	((system near6 board) motherboard pcb	USPAT;	2003/03/19 17:55
		mother-board board card) same ((detect\$3	US-PGPUB	
ļ		sens\$3) near10 (hot live plug\$3 swap\$3		1
		hotpluggable hot-plug))		I

-	59	1 /20/304 304 CCT3. UIU (1/8Wetom manus	USPAT;	2002/02/10
		Dodra motherboard nch mother-hoard has a	US-PGPUB	2003/03/19 18:44
		Calu, Same ((detects3 senss3) near10 (hot	OS LOLOB	
	1	Tive plug\$3 Swap\$3 hotpluggable		
_	728	hot-plug)))		
	/28	710/301-304.ccls.	USPAT;	2003/03/19 18:44
_	165	710/201 201 -	US-PGPUB	2003/03/19 18:44
	163	710/301-304.ccls. and (detector sensor)	USPAT;	2003/03/19 18:45
_	0	710/201 204	US-PGPUB	2003/03/19 18:45
		710/301-304.ccls. and ((detector sensor)	USPAT;	2003/03/19 18:45
_	5	same (energy near6 source))	US-PGPUB	1 2 3 7 0 3 7 1 3 1 8 . 4 3
		710/301-304.ccls. and ((detector sensor)	USPAT;	2003/03/19 18:48
_	165	and (energy near6 source))	US-PGPUB	10.40
	1	710/301-304.ccls. and (detector sensor)	USPAT;	2003/03/19 18:48
-	11	(sens\$3 detect\$3) come // 3	US-PGPUB	10.40
		(sens\$3 detect\$3) same ((electromagnetic infra-red magnetic ultrasonic energy)	USPAT;	2003/03/20 12:01
		near6 (obstruct\$3 unimped\$3 block\$3	US-PGPUB	
		hinder%3 interrupt\$3)) same (pcb card		
		board) same (detector and sensor)	•	
-	2	(("4140273") or ("5832556")).PN.		
		i	USPAT;	2003/03/20 13:24
	34	((beam\$1 near6 (break\$3 broke\$1 or	US-PGPUB	
	1	Obstruct\$3 unobstruct\$3 imped\$3 inhihites	USPAT;	2003/03/20 13:30
		minuels Diock\$3)) with (card\$1 hoard\$1	US-PGPUB	
	į.	PCD91 adapt?r\$1)) with (insert \$5 pluges		
	i	ddd33 remov\$5 extract\$5 withdraw\$1		
		withdrew)		